



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBW6405G06131-3G-5
Job Sheet 171607



Part No: RBW6405G06131-3G-5

Job Qty: 2 ea

Part Name: Cap



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/5/18

Job Tracking No:

Due Date: 2/12/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBW6405G06131-3G Rev 3 IPP Rev A 18.02.02 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea		2/10/18	0.00	0.00	Start Up Machining-4		
120	Lathe Conv	2 pcs		2/12/18	0.25	0.50	Lathe Conv-2		
130	QC	2 pcs		2/12/18	0.00	0.00	QC2 Machining-5		
140	QC	2 pcs		2/12/18	0.00	0.00	QC8 Machining-5		
150	Packaging	2 pcs		2/12/18	0.00	0.00	Packaging3-2		
160	QC21-SA	2 Ea		2/12/18	0.00	0.00	QC21		

Part Op 120 - 1-Machine as per DWG. ***NOTE*** Bore to final Dim. after welding see note 1.
Descriptions: 150 - IDENTIFY AND STOCK

DAS
21
9-86

MAR 22 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6R2.000	6061T6 Round Bar 2.00	.0832 ft (.0416 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M6061T6R2.000	0	3	0

Part Specifications

Specifications could not be found.

Plex 2/5/18 3:24 PM Dart.lajeunesse.marie

Batch # FM127682-1

 DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



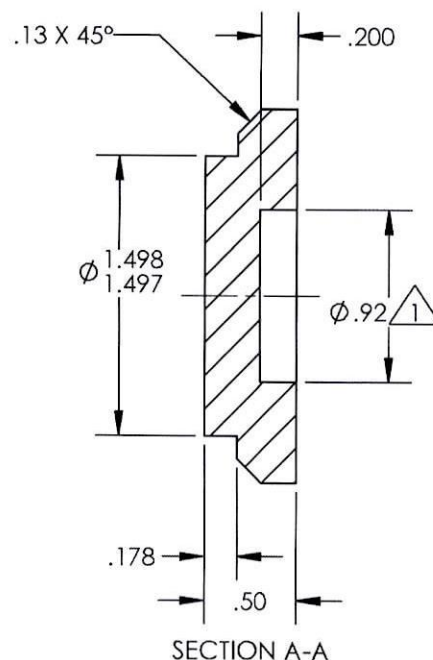
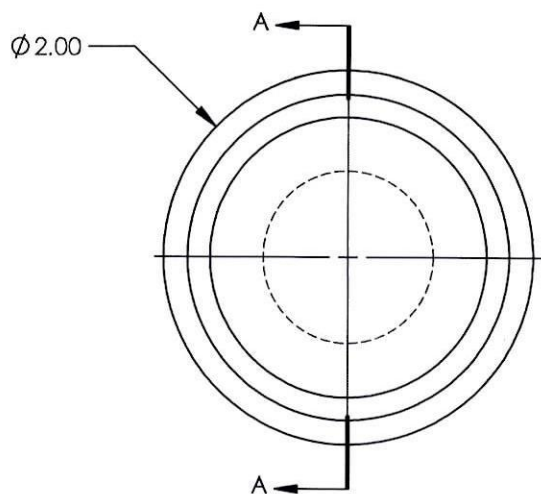
QA Closed: Date:

Work Order update only

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS																																																															
Part No. _____		Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐																																																								
		Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐																																																								
NCR No. _____		Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐																																																								
		Suspected Unapproved	☐	Large Fab	☐	Composite	☐	Supplier	☐																																																										
Date :	Step #:			QTY Effective :					MRB (QSI042) Approval																																																										
Description Work : _____																																																																			
Completed By _____																																																																			
Lead hand / Supervisor Approval Verification _____																																																																			
QC / QA Coordinator Approval _____																																																																			
DART Aerospace Ltd. 1270 Aberdeen Street Newbury, OH 46417 USA TEL: 1-813-632-5200 Email: sales@dartero.com www.darterospace.com Date: 03/14/18 Container No: S051370 Part: RBW6405G06131 - 3G - 5 Job No: 171607 Serial No/Batch: S051370 Revision: 3 Inspector:																																																																			
<table border="0" style="width: 100%;"> <thead> <tr> <th colspan="4">Root Cause</th> </tr> </thead> <tbody> <tr> <td>Environment</td><td>☐</td> <td>No Re-verification</td><td>☐</td> </tr> <tr> <td>Design</td><td>☐</td> <td>Operator</td><td>☐</td> </tr> <tr> <td>Doc/Data</td><td>☐</td> <td>Offset/Setup</td><td>☐</td> </tr> <tr> <td>Equip/Tooling</td><td>☐</td> <td>Supplier</td><td>☐</td> </tr> <tr> <td>Handling/Pre</td><td>☐</td> <td>Training</td><td>☐</td> </tr> <tr> <td>Material</td><td>☐</td> <td>Use for Testing</td><td>☐</td> </tr> <tr> <td>Internal Transport</td><td>☐</td> <td>Poor Information</td><td>☐</td> </tr> <tr> <td>Tribal Knowledge</td><td>☐</td> <td>Rushing</td><td>☐</td> </tr> <tr> <td>LOA</td><td>☐</td> <td>Product Improvement</td><td>☐</td> </tr> <tr> <td>Substation</td><td>☐</td> <td>Process Improvement</td><td>☐</td> </tr> <tr> <td>Past Expiry Date</td><td>☐</td> <td>Manufacturing Process</td><td>☐</td> </tr> <tr> <td>Misidentified</td><td>☐</td> <td>Past Due</td><td>☐</td> </tr> <tr> <td colspan="4">OTHER :</td> </tr> </tbody> </table>												Root Cause				Environment	☐	No Re-verification	☐	Design	☐	Operator	☐	Doc/Data	☐	Offset/Setup	☐	Equip/Tooling	☐	Supplier	☐	Handling/Pre	☐	Training	☐	Material	☐	Use for Testing	☐	Internal Transport	☐	Poor Information	☐	Tribal Knowledge	☐	Rushing	☐	LOA	☐	Product Improvement	☐	Substation	☐	Process Improvement	☐	Past Expiry Date	☐	Manufacturing Process	☐	Misidentified	☐	Past Due	☐	OTHER :			
Root Cause																																																																			
Environment	☐	No Re-verification	☐																																																																
Design	☐	Operator	☐																																																																
Doc/Data	☐	Offset/Setup	☐																																																																
Equip/Tooling	☐	Supplier	☐																																																																
Handling/Pre	☐	Training	☐																																																																
Material	☐	Use for Testing	☐																																																																
Internal Transport	☐	Poor Information	☐																																																																
Tribal Knowledge	☐	Rushing	☐																																																																
LOA	☐	Product Improvement	☐																																																																
Substation	☐	Process Improvement	☐																																																																
Past Expiry Date	☐	Manufacturing Process	☐																																																																
Misidentified	☐	Past Due	☐																																																																
OTHER :																																																																			
<table border="0" style="width: 100%;"> <tbody> <tr> <td>☐ Contamination</td> <td>☐ Out of Sequence</td> <td>☐ Positioned Wrong</td> </tr> <tr> <td>☐ Countersink</td> <td>☐ Off-set</td> <td>☐ Outside Dimensions</td> </tr> <tr> <td>☐ Cut Too Short</td> <td>☐ Mislabeled</td> <td>☐ Over/Under tolerance</td> </tr> <tr> <td>☐ Instructions Incomplete/Unclear</td> <td>☐ Fit/Function</td> <td>☐ Part Incorrect</td> </tr> <tr> <td>☐ Drill Holes</td> <td>☐ Misaligned/off center</td> <td>☐ Part Lost/Missing</td> </tr> <tr> <td></td> <td></td> <td>☐ Part Moved</td> </tr> <tr> <td></td> <td></td> <td>☐ Drawing</td> </tr> <tr> <td></td> <td></td> <td>☐ Finish</td> </tr> <tr> <td></td> <td></td> <td>☐ Misread</td> </tr> <tr> <td></td> <td></td> <td>☐ Turning Sequence</td> </tr> </tbody> </table>												☐ Contamination	☐ Out of Sequence	☐ Positioned Wrong	☐ Countersink	☐ Off-set	☐ Outside Dimensions	☐ Cut Too Short	☐ Mislabeled	☐ Over/Under tolerance	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Part Incorrect	☐ Drill Holes	☐ Misaligned/off center	☐ Part Lost/Missing			☐ Part Moved			☐ Drawing			☐ Finish			☐ Misread			☐ Turning Sequence																										
☐ Contamination	☐ Out of Sequence	☐ Positioned Wrong																																																																	
☐ Countersink	☐ Off-set	☐ Outside Dimensions																																																																	
☐ Cut Too Short	☐ Mislabeled	☐ Over/Under tolerance																																																																	
☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Part Incorrect																																																																	
☐ Drill Holes	☐ Misaligned/off center	☐ Part Lost/Missing																																																																	
		☐ Part Moved																																																																	
		☐ Drawing																																																																	
		☐ Finish																																																																	
		☐ Misread																																																																	
		☐ Turning Sequence																																																																	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
B		-5 DIMENSION WAS Ø1.50 IS Ø1.4996-1.4992.	6/6/2014	DJN	RJC
3	16-0021	-5 CH'D DIMS WAS Ø.9390-.9400 IS Ø.92, WAS Ø1.4992-1.4996 IS Ø1.497-1.498. CH'D NOTE WAS BORE TO Ø.9400 AFTER WELDING IS BORE TO FINAL DIM AFTER WELDING, SEE -1.	2/5/2016	DPD	JAG



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 171607 1802-06

NOTE:

1 BORE TO FINAL DIM AFTER WELDING, SEE -1.

(-5)
CAP

DART AEROSPACE	
TITLE REACTION ASSY.	
DWG NO. RBW6405G06131-3G-5	REV 3
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE -1	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125/
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AGUSTA AW139
SCALE 1:1	DATE 3/19/2010
SHEET 4 OF 5	

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval																	
Description Work Order Deviation		Disposition		Completed By																	
				Lead hand / Supervisor Approval Verification																	
				QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																
OTHER : _____																					